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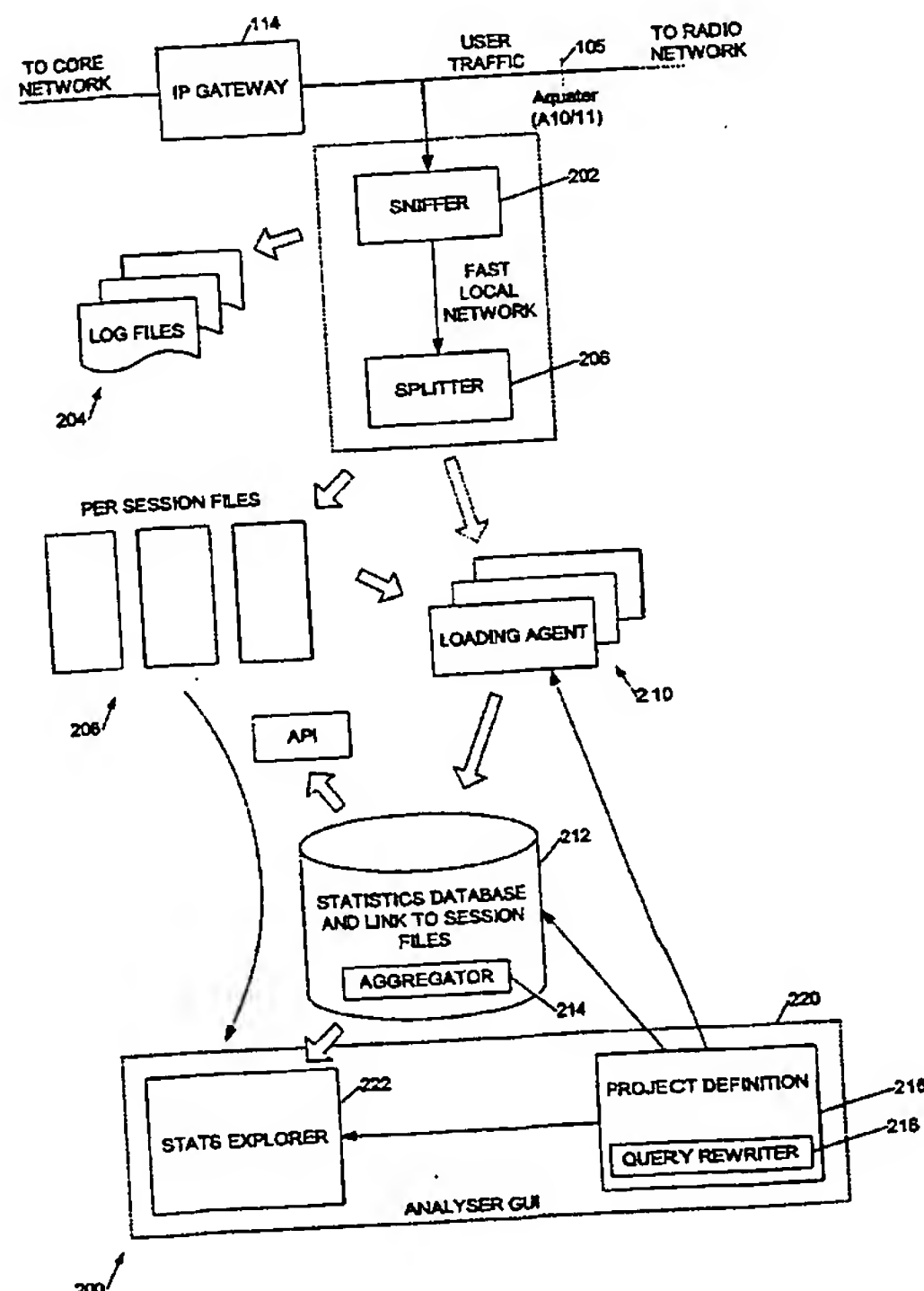
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(54) Title: MONITORING SYSTEM FOR A MOBILE COMMUNICATION NETWORK FOR TRAFFIC ANALYSIS USING A  
HIERARCHIAL APPROACH

(57) Abstract: This invention generally relates to systems,  
methods and computer program code for monitoring digital  
mobile communications networks, in particular digital mobile  
phone networks, for purposes such as a test, trouble shooting,  
and evaluation of a network and its usage. A method of pro-  
cessing digital mobile communications network data for anal-  
ysis, the method comprising: inputting network data captured  
from a digital mobile communications network, said network  
data comprising data for a plurality of communications ses-  
sions over said network, said network data including a plu-  
rality of session related parameters; inputting query data for  
one or more queries, a query defining a statistic relating to  
one or more of said parameters and to be computed from said  
network data; formatting a said query to define said statistic  
in terms of one or more intermediate statistics relating to said  
one or more parameters and to be computed from said network  
data, said statistic being computable from one or more sets of  
said one or more intermediate statistics; operating with said  
formatted query on said captured network data to determine  
said one or more intermediate statistics; storing said interme-  
diate statistics in a data store for analysis.



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